

## CIVIL AERONAUTICS ADMINISTRATION

P-877  
Revision 7  
Beech  
214

April 15, 1996

TYPE CERTIFICATE DATA SHEET NO. P-877

Propellers of models described herein conforming with this specification and approved data on file with the Civil Aeronautics Administration are rated as airworthy for use in certificated aircraft in accordance with pertinent aircraft specifications and applicable portions of the Civil Air Regulations provided they are installed, operated, and maintained as prescribed by the manufacturer.

Type Certificate Holder	Raytheon Aircraft Company 9709 E. Central Wichita, KS 67201
Type	Constant speed; hydro-mechanical (see NOTES 3 and 4)
Engine shaft	SAE # 20 spline shaft
Hub material	Steel
Blade material	See below
Number of blades	2
Hub model eligible	214-100 series (see NOTE 1)

Blades Eligible (See Note 2)	Maximum <u>Continuous</u>		<u>Takeoff</u>		Diameter Limits	Approx. Max. Wt. Complete (for reference only) (See Notes 3,4, & 7)	Blade Construction
	HP	RPM	HP	RPM			
214-211-96 to 214-211-93	240	1925	260	2180	96" - 93"	78 lbs.	Laminated birch veneer; cellulose nitrate covering; brass, Everdure, or stainless steel tipping.
272-234-101 to 272-234-88	325	2000	375	2180	101" - 88"	95 lbs.	Aluminum alloy

Certification basis	Type Certificate No. 877
Production basis	Production Certificate No. 501

NOTE 1. Hub Model Designation

214 - 1 05

Basic model

Minor change not affecting eligibility

Basic drawing identity

NOTE 2. Blade Model Designation

214 - 211-96 - 1

Basic blade model

Minor change (when used) not affecting eligibility

Propeller diameter in inches

Basic blade design

NOTE 3. Pitch Control. Eligible only with Beech control unit 214-200 and Beech governor B200-250. Additional weight of governor 3-1/2 lbs. (Weight of transmission is included in approximate weight of propeller)

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listed above.

NOTE 4. Feathering. Eligible only with Beech full feathering control.

NOTE 5. Left-Hand Models. Not applicable.

NOTE 6. None

NOTE 7. Accessories.

(a) Propeller Deicing

- (1) Eligible with Beech fluid deicer slinger ring included in Item (b)(1).
- (2) Eligible with Beech no. 279-404 (Goodrich No. 37572) propeller deicer fluid feed strips when installed in accordance with instructions issued by Beech.

(b) Propeller Spinner

Eligible with:

- (1) Beech spinner 272-102 (additional weight 6 lbs.) (For aluminum blades only)
- (2) Beech spinner 268-203 (additional weight 7 lbs.)
- (3) Beech spinner 50-960010 (additional weight 7 lbs.) (For wood blades only)

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